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PUBLICATIONS OF THE SOUTHERN FOREST EXPERIMENT STATION JULY 1921 - JUNE 1946

U. S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

SOUTHERN FOREST EXPERIMENT STATION Chas. A. Connaughton, Director New Orleans, La.

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PUBLICATIONS OF THE SOUTHERN FOREST EXPERIMENT STATION

JULY 1921 - JUNE 1946

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This is a selected list of publications prepared by the personnel and collaborators of the Southern Forest Experiment Station since the Station was established in July 1921. A total of 931 titles are listed. Many of these have been printed or duplicated in quantity for distribution. Those still available for distribution are marked with an asterisk (*).

The publications are listed according to subject so as to make the compilation most usable to the wide variety of interests which will be concerned. Arrangement is by year and author within each subject. An index is attached in which title numbers are shown by authors.

It is not contemplated to reissue this compilation soon. It will be kept current, however, by addition of a supplemental listing each year of publications prepared during that period.

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16. SOUTHERN FORESTRY NOTES

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Longleaf pine seedlings damaged by hogs.

Deadening unmerchantable hardwoods as part of thinning operations in pine.

Copeland Report.

A planting program for the South.

Timber theft common on tax reverted lands.

Construction of check dams for erosion control.

Naval stores from Southern Mississippi.

887. No. 2. 1933.

Forest cover retains over 99% of rainfall.
Selection system of pulpwood cutting profitable.
Too frequent chipping decreases yield through dry-facing.
Hardwoods killed by silting.

888. No. 3. 1933.

Planting stock for erosion control.

An example of improvement thinning at 35¢ per acre.

Prevention of stain and decay in logs and poles.

Cutting small pine for pulpwood.

Importance of fuelwood in the South.

Quality of second-growth red gum.

889. No. 4. 1933.

Effect of fire in second-growth longleaf and slash pine varies widely under different conditions.

Stand-improvement measures for bottom-land hardwood forests.

Effect of density of stand and of ground cover on height growth of longleaf pine seedlings.

*890. No. 5. 1934.

Naval stores operators practice thinning and planting.
New pine canker may be serious.
Forest survey making good progress.
Stand improvement measures for shortleaf-loblolly pine-hardwood type.

*891. No. 6. 1934.

The lumber code.

Progress of the Forest Survey.

Conflagration in Southern Georgia.

Brown-spot disease of Southern pines.

Summary of hardwood deadening work at Urania, La.
Use of aerial photographs in type mapping.
Summary of recommendations of Forest Taxation Inquiry.
Effect of frequent fires on the chemical composition of forest soils.

893. No. 8. 1934.

National land-use planning.

Forest Entomologist assigned to Station staff.

Estimate of 1934 cone crop of Southern pines.

Forest of Southeastern Georgia.

Buckly Oak

893. Continued
Butt swell in Southern swamp hardwoods.
Forest nursery practice.

894. No. 9. 1935.

Truck logging of pine.

Sulphuric acid for stimulating germination of black locust seed. The effect of cultivating young black locust. Seasoning of Southern swamp oaks.

Testing borax dips for decay control in and beneath the cross sticks in hardwood seasoning piles.

*895. No. 10. 1935.

Costs of inventory and marking for selective logging. Thinning loblolly pine.

Growth of green ash as related to floods.

Spanish moss.

*896. No. 11. 1935.

Mortality in turpentined pines.
Pulpwood utilization of longleaf pine.
Effect of density of stocking on growth of longleaf pine.
Extent of tax-default in South.
Growth of planted Southern pines.

*897. No. 12. 1935.

Some preliminary results of studies at Stuart Nursery.

Relation of rodent population to reproduction of longleaf pine.

Relation of soil acidity to vigor of planted black locust.

Keep naval stores hacks sharp.

*898. No. 13. 1935.

The Ips engraver beetles in the South. T. E. Snyder.

Erosion in the Norris Dam watershed.

Forest Survey brings out importance of forests in Southeast.

Southern pulpwood costs.

*899. No. 14. 1935.

Taxation of forest land in Northeastern Florida.

Effect of density and competition on growth of longleaf pine seedlings.

Testing and storing Southern pine seed.

900. No. 15. 1936.

The pulp and paper industry in the South.
Second growth cypress.
Relation of log diameter to log grades.
Velvetbeans made good green-manure crop.

901. No. 16. 1936.

Weather influences rate of gum flow.

Heavy pine reproduction results from large seed crop of last fall.

Gum yields from bark bars.

From the old records.

902. No. 17. 1936.

Supply of pole and pine timber in four Southeastern Survey units.

Growth and mortality of pine pulpwood on experimental thinning plots.

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Rabbit damage in relation to time of planting.
Floating test for cone viability.

903. No. 18. 1937.

Effect on gum yield of defoliation by fire.

Effect of seed source on height and vigor of loblolly pine.

The assessed value of forest land in the Yazoo Delta of Mississippi.

Form and quality of old-field pine in Southeastern Arkansas.

704. No. 19. 1937.

Tools and labor requirements for pruning longleaf pine.
Controlled burning after thinning.
Does rain wash gum out of turpentine cups?
Cut-over forest land comprises bulk of tax-delinquent land in Yazoo Delta.

905. No. 20. 1938.

Preview of the findings of the Forest Survey in the Lower South.

Effect of pruning on diameter and height growth of longleaf pine saplings.

Profitable management of shortleaf and loblolly pine for sustained vield.

Effect of depth of sowing on nursery yields of black locust.

*906. No. 21. 1938.

Root distribution of longleaf pine seedlings and associated vegetation

Burned faces and subsequent turpentining.

Taxation of forest land for drainage purposes.

Sawtimber and cordwood volumes in North Georgia.

*907. No. 22. 1938.

Some highlights from work on Forest Influences, 1937. H.G.M.
Forest resources of the North Arkansas Delta. R.K.W.
Bird damage to longleaf pine reproduction. T.D.B.
Profit.or loss from raising turpentine cups annually. T.E.L.

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Improvement cutting in loblolly-shortleaf pine-hardwood type. H.B.

Forest resources of Northwest Florida. A.R.S.

Forest taxation in relation to income-producing capacity in the Yazoo Delta. R.B.C.

909. No. 24. 1938.

The 1938 Southern pine cone crop. P.C.W.

Use of Savannah lands for growing timber in South Mississippi.

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Seed production by young pines. M.L.N.

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*910. No. 25. 1939.

Forest resources in the longleaf pine region of Mississippi and East Louisiana. E. B. Faulks.

Extent of long-term tax delinquency in certain Oklahoma Counties. R. B. Craig.

Effect of the treatment of ground cover on the growth of longleaf pine seedlings. L. J. Pessin.

*911. No. 26. 1939.

New development in truck-logging practice. R. R. Reynolds.

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PUBLICATIONS OF THE SOUTHERN FOREST EXPERIMENT STATION

In July 1946, a complete list of the publications of the Southern Forest Experiment Station was released as Occasional Paper 108. Since then the Station has issued over 100 publications, and this Supplement brings the original compilation up to date. Classification of the publications is the same as in the Occasional Paper.

Copies of publications marked with an asterisk (*) may be had free of charge on request to the Station.

SOUTHERN FOREST EXPERIMENT STATION Chas. A. Connaughton, Director 1008 Federal Office Building New Orleans, Louisiana

- 1. MANAGEMENT (INCLUDING SILVICULTURE AND FINANCIAL ASPECTS)
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